

**FITCHBURG GAS AND ELECTRIC LIGHT COMPANY d/b/a UNITIL
D.T.E. 03-26**

**THIRD SET OF INFORMATION REQUESTS OF THE DEPARTMENT OF
TELECOMMUNICATIONS AND ENERGY**

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- DTE 3-1 Please refer to the Company's Annual Energy Efficiency Report for 2001, dated August 5, 2002 ("2001 Annual Report").
- (a) provide a copy of the billing history analysis used to verify savings described at 1 under Program Monitoring and Evaluation.
 - (b) explain whether the savings verification described at 1 under Program Monitoring and Evaluation included statistical analysis. If so, provide the results of such statistical analysis, including estimates of precision. If statistical analysis was not used, please explain.
 - (c) provide a copy of the evaluation performed by GDS Associates described at 6 under Program Monitoring and Evaluation.
 - (d) explain whether the evaluation performed by GDS Associates included statistical analysis. If so, provide the results of such statistical analysis, including estimates of precision. If statistical analysis was not used, please explain.
 - (e) explain whether the verification of engineering estimates described at 7 under Program Monitoring and Evaluation included statistical analysis. If so, provide the results of such statistical analysis, including estimates of precision. If statistical analysis was not used, please explain.
 - (f) explain whether the verification of engineering estimates described at 8 under Program Monitoring and Evaluation included statistical analysis. If so, provide the results of such statistical analysis. If statistical analysis was not used, please explain.

RESPONSE:

- a) Please see Attachment DTE 3-1a and DTE 3-1b which contain the results of two billing analyses conducted by Proctor Engineering Group for Fitchburg Gas and Electric Light Company ("the Company" or "FG&E") and its New Hampshire affiliates Concord Electric Company and Exeter and Hampton Electric Company, jointly Unitil Energy Services, Inc. ("UES"). The study period included data from 1993 through 1995.
- b) The billing analyses reference in (a) above included statistical analyses. Results of the analyses are provided on page 4 of each study.
- c) Please see Attachment DTE 3-1c which contains a Program Evaluation of the Company's Low Income Program. This multi-phase study was completed

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over a 2 year period. Phase I, Process Review was completed in 2001. Phase II, Customer Satisfaction and Phase III, Quality Control Assessment, were completed in 2002.

d) The Program Evaluation for the Low Income Program included some statistical analyses although precision estimates were not calculated. The intent of the study was to analyze the effectiveness of program delivery, customer satisfaction and overall program quality.

e) Verification of engineering estimates described at 7 under Program Monitoring and Evaluation for the Small Commercial and Industrial ("SC&I") Program does not include statistical analysis. Demand metering is performed on all sites, where possible, to more accurately determine project savings.

f) Verification of engineering estimates described at 8 under Program Monitoring and Evaluation for the Comprehensive Efficiency Programs do not include statistical analysis. Metering is performed on all sites, where possible, to more accurately determine project savings. After the fact, on-site verification audits are performed to ensure the installed measures are still in place and operating and that claimed savings are still being realized.

PERSON RESPONSIBLE: Deborah Jarvis

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- DTE 3-2 Refer to the Fitchburg's Annual Energy Efficiency Report for 2002, dated August 1, 2003 ("2002 Annual Report").
- (a) provide a copy of the billing history analysis described at 1 under Program Monitoring and Evaluation.
 - (b) explain whether the savings verification described at 1 under Program Monitoring and Evaluation included statistical analysis. If so, provide the results of such statistical analysis, including estimates of precision. If statistical analysis was not used, please explain.
 - (c) explain whether the verification of engineering estimates described at 7 under Program Monitoring and Evaluation included statistical analysis. If so, provide the results of such statistical analysis, including estimates of precision. If statistical analysis was not used, please explain.
 - (d) explain whether the verification of engineering estimates described at 8 under Program Monitoring and Evaluation included statistical analysis. If so, provide the results of such statistical analysis. If statistical analysis was not used, please explain.

RESPONSE:

- a) Please see the Company's response to DTE 3-1a.
- b) Please see the Company's response to DTE 3-1b.
- c) The Program Evaluation for the SC&I Program included some statistical analyses although precision estimates were not calculated. The intent of the study was to analyze the effectiveness of program delivery, customer satisfaction and overall program quality.
- d) Please see the Company's response to DTE 3-1f.

PERSON RESPONSIBLE: Deborah Jarvis